## Amendments to the Claims:

This listing of Claims will replace all prior versions, and listings, of claims in the application:

- 1. (Currently Amended) A system for enhancing security of end user station access to an Internet and intranet over access network with an access point, comprising:
  - a gateway packet data node;
  - a packet data support node;

wherein said gateway packet data node further comprises security indication providing means for providing an security indicated access point with a security criterium indication and for distributing said security criterium indication to said packet data support node;

wherein said packet data support node further comprises a security enforcement mechanism[[,]] for preventing all other traffic not fulfilling the security criterium indication associated with said security indicated access point when there is a connection requiring security over the security indicated access point, at least until [[the]] <u>a</u> last packet of the security indicated access point connection has been sent.

- 2. (Currently Amended) A system according to claim 1 wherein [[that]] the security criterium indication comprises a security marking indicating [[that]] the access point supports the provision of secure access point connections.
- 3. (Currently Amended) A system according to claim 1, wherein the security criterium indication comprises an indication as to the criterium [[that is]] to be fulfilled for concurrent conflicting access point connections in order for [[them]] the concurrent conflicting access point connections to be allowed simultaneously with a first secure access point connection.
- 4. (Currently Amended) A system according to claim 2, wherein [[that]] the security criterium indication comprises a flag, an attribute or a data structure.

- 5. (Canceled)
- 6. (Currently Amended) A system according to claim 1, wherein [[that]] the gateway packet data node comprises a Gateway GPRS Support Node (GGSN).
- 7. (Currently Amended) A system according to, claim 1 wherein [[that]] the security indicating and distributing means are provided in a Home Location Register (HLR).
- 8. (Currently Amended) A system according to claim 1, wherein [[that]] the security indicating and distributing means are provided in a Domain Name Server (DNS).
- 9. (Currently Amended) A system according to claim 1, wherein [[that]] the security indicating means are provided in a CGSN comprising the functionality of a GGSN and SGSN.
- 10. (Currently Amended) A system according to claim 1, wherein [[that an]] the access point is security indicated through providing an Access Point Name thereof with the security indication, e.g. an attribute.
- 11. (Currently Amended) A system according to claim 1, wherein [[that]] the access point connections comprise Packet Data Protocol (PDP) contexts.
- 12. (Currently Amended) A system according to claim 11, wherein the enforcement mechanism is dynamic, and in that in the packet data support node means are provided for dropping all traffic packets of other PDP contexts not meeting the security criterium when a simultaneous PDP context to a security marked access point is used for communication of packets.

- 13. (Currently Amended) A system according to claim 12, wherein [[that]] the packet data node comprises means for detecting traffic on a PDP context to a security indicated access point, and means for activating security protection and in that it further comprises means for, after lapse of a predetermined, configurable time period after sending of the last packet on a PDP context with a security indication, allowing traffic on other PDP contexts again.
- 14. (Currently Amended) A system according to claim 1, wherein [[that]] the enforcement mechanism is static and in that means are provided in a packet data support node for deactivating access point connections which do not meet the security criterium when a security condition is met for one connection to a security indicated access point.
- 15. (Currently Amended) A system according to claim 14, wherein [[that a]] the security condition is met when a request is received in the packet data support node relating to activation of a PDP context to a security indicated APN.
- 16. (Currently Amended) A system according to claim 14, wherein [[that a]] the security condition is met when a PDP context to a security marked APN has been activated in the packet data support node.
- 17. (Currently Amended) A system according to claim 14, wherein [[that a]] the security condition is met when traffic packet is detected on a PDP context to a security indicated access point.
- 18. (Currently Amended) A system according to claim 16, wherein [[that]] the packet data support node comprises means for re-activation of deactivated PDP contexts, and in that said means are end user controlled.

## 19-37. (Canceled)

38. (Currently Amended) A method for enhancing security of end user station access to Internet and intranet, comprising the steps of:

establishing [[if]] an access point needs to be secure;

[[if yes,]]

providing the access point with a security indication with one or more criteria in a network node,

distributing the security indication to a packet data support node,

enforcing the security indication by at least preventing all traffic on all access point connections conflicting a first security indicated access point connection through the security indicated access point and not fulfilling the security criteria at least until [[the]] a last packet of the security indicated access point connection has been sent.

39. (Currently Amended) A method according to claim 38, wherein [[that it]] the step of distributing comprises the step of:

providing the security indication in a gateway packet data node, in a home location register (HLR) or in a Domain Name Server (DNS).

- 40. (Currently Amended) A method according to claim 38, wherein [[that]] the step of providing a security indication comprises,
  - providing an Access Point Name (APN) with the security indication.
- 41. (Currently Amended) A method according to claim 40, wherein [[that]] the access point connections comprise PDP contexts.
- 42. (Currently Amended) A method according to claim 41, wherein [[that]] the enforcing step comprises:

dropping all traffic packets of all other PDP contexts than a first incoming security requiring PDP context which do not meet the security criteria.

43. (Currently Amended) A method according to claim 41, wherein [[that]] the enforcing step comprises:

deactivating all other conflicting PDP contexts than a first security requiring PDP context, which do not fulfill the security criteria.